

TITLE  
PROCESS FOR IMPROVING THE EMISSION OF  
ELECTRON FIELD EMITTERS

ABSTRACT

5           This invention provides a process for improving the field emission of an  
electron field emitter comprised of an acicular emitting substance such as acicular  
carbon, an acicular semiconductor, an acicular metal or a mixture thereof,  
comprising applying a force to the surface of the electron field emitter wherein the  
force results in the removal of a portion of the electron field emitter thereby  
10       forming a new surface of the electron field emitter.

15

20

25

30

WJC/dmm